

Active Recombinant Human EPHA2 protein, His&GST-tagged

Cat. No. EPHA2-8628H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHA2 protein(P29317)(Leu585-Ile976), fused with His tag and GST tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	585-976 a.a.
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 3mM DTT, pH 8.5, 10% glyPlease contact us for any concerns or special requirements.Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	The specific activity was determined to be 50 nmol/min/mg using Poly(Glu:Tyr) 4:1 as substrate.
Molecular Mass	The recombinant human EPHA2 /GST chimera consists of 629 amino acids and has a calculated molecular mass of 72.1 kDa. The recombinant protein migrates as an approximately 62 kDa band in SDS-PAGE under reducing conditions.
Proteinlength	Leu585-Ile976
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name EPHA2 EPH receptor A2 [Homo sapiens]

Official Symbol EPHA2

Synonyms EPHA2; EPH receptor A2; ECK, EphA2; ephrin type-A receptor 2; soluble EPHA2 variant 1; tyrosine-protein kinase receptor ECK; epithelial cell receptor protein tyrosine kinase; ECK; CTPA; ARCC2; CTPP1;

Gene ID 1969

mRNA Refseq NM_004431

Protein Refseq NP_004422

MIM 176946

UniProt ID P29317

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